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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/792,210	03/04/2004	Hideo Ando	248549US2SDIV	4149
22850	7590	11/04/2004	EXAMINER	
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			BOCCIO, VINCENT F	
			ART UNIT	PAPER NUMBER
			2616	

DATE MAILED: 11/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/792,210	Applicant(s) ANDO ET AL.	
	Examiner Vincent F. Boccio	Art Unit 2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 3/4/04
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final. YFS
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 23-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 23-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 09/662,584.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>3/4/04</u> | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2616

DETAILED ACTION

The Group and/or Art Unit location of your application in the PTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Group Art Unit 2616.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 23-26 are rejected under 35 U.S.C. 102(b) as being anticipated by Yamagishi et al. (US 5,535,008).

Regarding claims 23-26, Yamagishi discloses and meets the limitations associated with a medium, corresponding method and apparatus for recording and reproducing the data structure as disclosed on the medium,

wherein the medium or memory (col. 9, disk/CD), comprises data structures for recording and reproducing a bit stream comprising or including an I frame (MPEG),

comprising:

medium having, method and apparatus for recording and reproducing, wherein the data structure comprising:

o management information area (Fig. 7 E, "I Frame Access Information");

Art Unit: 2616

o an object area for recording a data object using data packets (Fig. 7 A);

wherein both the management information and one of said data packs is configured to include access information for accessing the I picture (Fig. 7 E, "I frame access data", col. 17, line 57 to col. 18, line 45, and col. 14, lines 18-).

Furthermore, the claimed apparatus and method of recording and reproducing the medium in view of the medium having the data structure the recording to the medium is also met by Yamagishi by creating the data structure to the medium, wherein MPEG GOP video is recorded and reproduced to and from the medium with the data structure as shown, wherein the management information or I frame access data, is used to access the I frames with corresponding access information being sector numbers, wherein the management and data packs include sector numbers as access information to selectively access the I pictures (Fig. 7 E), as described in cols. 1-2, as disclosed.

In addition in accord to the apparatus claim the art applied further meets the limitations of a first and second reproducer met by the read head reading or reproducing the data corresponding to the record information, object and

Art Unit: 2616

management data in accord to perform reproduction locating I frames with management data in order to perform trick or special {FF, FR}, reproduction operations.

Contact Fax Information

Any response to this action should be mailed to:
Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 872-9314, (for formal communication
intended for entry)

or:

(703) 308-5359, (for informal or draft
communications, please label "PROPOSED" or "DRAFT")


Hand-delivered responses should be brought to
Crystal Park II, 2121 Crystal Drive, Arlington,
VA., Sixth Floor (Receptionist).

Contact Information

Any inquiry concerning this communication or earlier
communications should be directed to the examiner of
record, Monday-Thursday, 8:00 AM to 5:00 PM Vincent F.
Boccio (703) 306-3022.

Any inquiry of a general nature or relating to the
status of this application should be directed to
Customer Service (703) 306-0377.

Primary Examiner, Boccio, Vincent
10/30/04


VINCENT BOCCIO
PRIMARY EXAMINER